

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A mounting device for securing a control unit to a vehicle comprising:

a ~~generally U-shaped~~ one piece bracket outer supporting shell formed from a non-resilient material that is adapted to be attached to a vehicle, said bracket including an open ~~portion~~ side adapted to receive the control unit; and

a layer of resilient material disposed within and attached to said outer shell, said resilient material covering substantially the entire surface of said supporting shell that is adjacent to the control unit, said resilient material also adapted to be placed in proximity to the control unit whereby said resilient material absorbs noise and vibrations.

2. (Currently Amended) The mounting device according to claim 1 further including an ~~a generally U-shaped~~ inner supporting structure formed from a non-resilient material that is attached to a surface of said layer of resilient material that is opposite from said outer supporting shell, said inner structure including an open ~~portion~~ side adapted to receive and be attached to the control unit.

3. (Previously Presented) The mounting device according to claim 2 wherein the resilient material is a polymer that is attached to said outer supporting shell and said inner supporting structure.

4. (Previously Presented) The mounting device according to claim 3 wherein said polymer is rubber and said outer supporting shell and said inner supporting structure are formed from steel.

5. (Previously Presented) The mounting device according to claim 4 wherein said layer of resilient material is adhesively bonded to both said outer supporting shell and said inner supporting structure.

6. (Cancelled)

7. (Previously Presented) The mounting device according to claim 4 wherein the control unit is an electronic control unit that is attached to a hydraulic valve body to form an electro-hydraulic control unit and further wherein said outer supporting shell and said inner supporting structure are generally U-shaped and form a bracket for securing said electro-hydraulic control unit to a vehicle surface.

8. (Previously Presented) The mounting device according to claim 1 wherein the resilient material is a polymer that is attached to said outer supporting shell.

9. (Previously Presented) The mounting device according to claim 8 wherein said polymer is rubber and said outer supporting shell is formed from steel.

10. (Previously Presented) The mounting device according to claim 9 wherein said layer of resilient material is adhesively bonded to said outer supporting shell.

11. through 14. (Cancelled)

15. (Previously Presented) A control unit assembly comprising:
an outer supporting structure formed from a non-resilient material, said outer supporting structure having a base portion and a cylindrical threaded outer portion formed integrally with said base portion and extending from said base portion that is adapted to be attached to a vehicle;

an inner supporting structure that has a base portion and a cylindrical threaded inner portion formed integrally with said base portion and extending from said base portion;

a layer of resilient material disposed between said base portion of said outer supporting structure and said base portion of said inner supporting structure, said layer of resilient material forming an insulative barrier between said outer supporting structure and said inner structure to prevent any direct contact therebetween whereby said resilient material absorbs noise and vibrations; and

a control unit for controlling a vehicle system having a threaded bore corresponding to said cylindrical threaded inner portion of said inner supporting structure formed therein, said threaded bore receiving said cylindrical threaded inner portion of said inner supporting structure such that said control unit is secured to said inner supporting structure.

16. (Previously Presented) A control unit assembly for a vehicle comprising:

a one piece bracket outer supporting shell formed from a non-resilient material that is adapted to be attached to a vehicle;

a continuous layer of resilient material disposed within and attached to said outer bracket; and

a control unit for controlling a vehicle system disposed in proximity to said layer of resilient material with said layer of resilient material forming an insulative barrier that completely isolates said outer supporting bracket from said control unit to prevent any contact between said outer supporting structure and said control unit, said resilient material selected to absorb acoustic noise and vibrations.

17. (Previously Presented) The control unit assembly according to claim 16 further including an inner supporting structure formed from a non-resilient material that is attached to a surface of said layer of resilient material that is opposite from said outer supporting shell, said inner supporting structure being attached to said control unit.

18. (Previously Presented) The control unit assembly according to claim 17 wherein said control unit includes a hydraulic valve body attached to an electronic control unit to form an electro-hydraulic control unit, said electro-hydraulic control unit being attached to said inner supporting structure.

19. through 22. (Cancelled)

23. (Previously Presented) The control unit assembly according to claim

15 wherein said control unit includes a hydraulic valve body attached to an electronic control unit to form an electro-hydraulic control unit, said electro-hydraulic control unit being attached to said inner supporting structure.

24. (Previously Presented) A mounting device for securing a control unit to a vehicle comprising:

a generally L-shaped one piece bracket outer supporting shell formed from a non-resilient material that is adapted to be attached to a vehicle, said bracket including an open portion adapted to receive the control unit; and

a layer of resilient material disposed within and attached to said outer shell, said resilient material covering substantially the entire surface of said supporting shell that is adjacent to the control unit, said resilient material also adapted to be placed in proximity to the control unit whereby said resilient material absorbs noise and vibrations.

25. (Previously Presented) The mounting device according to claim 24 further including a generally L-shaped inner supporting structure formed from a non-resilient material that is attached to a surface of said layer of resilient material that is opposite from said outer supporting shell, said inner structure including an open portion adapted to receive and be attached to the control unit.

26. (Previously Presented) The mounting device according to claim 25 wherein the resilient material is a polymer that is attached to said outer supporting shell and said inner supporting structure.

27. (Previously Presented) The mounting device according to claim 26 wherein said polymer is rubber and said outer supporting shell and said inner supporting structure are formed from steel.

28. (Previously Presented) The mounting device according to claim 27 wherein said layer of resilient material is adhesively bonded to both said outer supporting shell and said inner supporting structure.